

10/5/11/640 East search 8/15/16 AMMB

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| BRs | N/A | symbol near3 timing near3 (recovery or lock\$) | US-PGPUB; USPAT; EPO; DERWENT | 8/15/06 15:05 |
| BRs | 449658 | testing | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:33 S1 |
| BRs | N/A | offset near3 frequenc\$ | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:33 |
| BRs | 8987 | central near3 offset\$1 | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:34 S2 |
| BRs | 242 | testing near3 offset\$1 | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:36 S3 |
| BRs | 0 | (symbol near3 timing near3 (recovery or lock\$)) same (testing near3 offset\$1) | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:34 S4 |
| BRs | 0 | (symbol near3 timing near3 (recovery or lock\$)) and (testing near3 offset\$1) | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:34 S5 |
| BRs | 197 | (symbol near3 timing near3 (recovery or lock\$)) and (central near3 offset\$1) | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:34 S6 |
| BRs | 185 | (symbol near3 timing near3 (recovery or lock\$)) and (offset near3 frequenc\$) | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:34 S7 |
| BRs | 29 | ((symbol near3 timing near3 (recovery or lock\$)) and (offset near3 frequenc\$)) and @ad<"20020419" | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:46 S8 |
| BRs | 26 | ((symbol near3 timing near3 (recovery or lock\$)) and (offset near3 frequenc\$)) and hdtv | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:35 S9 |
| BRs | 3 | ((symbol near3 timing near3 (recovery or lock\$)) and (offset near3 frequenc\$)) and @ad<"20020419" | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:36 S10 |
| BRs | 1139 | (testing near3 offset\$1) same symbol\$ | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:36 S11 |
| BRs | 279 | symbol\$1 near3 offset\$1 | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:37 S12 |
| BRs | 2 | (offset near3 frequenc\$) same (symbol\$1 near3 offset\$1) | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:37 S13 |
| BRs | 66 | ((offset near3 frequenc\$) same (symbol\$1 near3 offset\$1)) same testing | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:37 S14 |
| BRs | 34744 | mueller near3 muller | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:38 S15 |
| BRs | 16 | gardner | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:38 S16 |
| BRs | 34949 | (mueller near3 muller) and gardner | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:38 S17 |
| BRs | 5844 | thomson.as. | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:39 S18 |
| BRs | 2449 | licensing.as. | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:40 S19 |
| BRs | 30444 | thomson.as. and licensing.as. | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:40 S20 |
| BRs | 5 | liu.in. | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:41 S21 |
| BRs | 5 | (thomson.as. and licensing.as.) and liu.in. | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:41 S22 |
| BRs | 89278 | (thomson.as. and licensing.as.) and liu.in. | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:42 S23 |
| BRs | 264457 | acquisition | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:45 S24 |
| BRs | 5576 | synchroniz\$ | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:45 S25 |
| BRs | N/A | (acquisition same synchroniz\$) same start\$ | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:46 S26 |
| BRs | 64 | ((acquisition same synchroniz\$) same start\$) same symbol\$ | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:46 S27 |
| BRs | 644 | ((acquisition same synchroniz\$) same start\$) and @ad<"20020419" | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:46 S28 |
| BRs | 57 | ((acquisition same synchroniz\$) same start\$) same symbol\$ and @ad<"20020419" | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:49 S29 |
| BRs | 155640 | hz | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:49 S30 |
| BRs | 1310405 | 200 | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:49 S31 |
| BRs | 698747 | 400 | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:49 S32 |
| BRs | 592372 | 600 | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:49 S33 |
| BRs | 308209 | 800 | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:50 S34 |
| BRs | 55 | hz with "200" with "400" with "600" | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 18:50 S35 |
| BRs | 11 | (hz with "200" with "400" with "600") with "800" | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 19:00 S36 |
| BRs | 47 | 34867 | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 19:00 S37 |
| BRs | 2 | 20010034867 | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 19:00 S38 |
| BRs | N/A | 20010034867 and start\$ | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 19:01 |
| BRs | 834 | select\$3 near4 start\$3 with frequenc\$3 | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 19:03 S39 |
| BRs | 16 | (select\$3 near4 start\$3 with frequenc\$3) same symbol\$ | US-PGPUB; USPAT; EPO; DERWENT | 7/10/03 19:03 S40 |
| BRs | N/A | synchroni\$ with transmit\$ near5 clock\$1 | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 15:50 |
| BRs | N/A | receiv\$ near5 clock\$1 | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 15:49 |
| BRs | 1388 | (synchroni\$ with transmit\$ near5 clock\$1) with (receiv\$ near5 clock\$1) | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 15:49 S41 |
| BRs | 21 | ((synchroni\$ with transmit\$ near5 clock\$1) with (receiv\$ near5 clock\$1)) same search | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 15:52 S42 |
| BRs | N/A | synchroni\$ near4 transmit\$ near5 receiv\$ | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 15:52 |
| BRs | 80 | (synchroni\$ near4 transmit\$ near5 receiv\$) same search | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 15:52 S43 |
| BRs | N/A | (synchroni\$ near4 transmit\$ near5 receiv\$) and start\$ near6 frequenc\$ | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 16:07 |

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| BRS | 6 | ((synchroni\$ near4 transmit\$ near5 receiv\$) and start\$ near6 frequency\$) and hdtv | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 16:09 | S44 |
| BRS | 0 | carrier near3 recovery | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 15:58 | S45 |
| BRS | 3011 | carrier near3 recovery | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 15:58 | S46 |
| BRS | N/A | lock\$3 with frequency\$ same (carrier near3 recovery) | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 16:00 | |
| BRS | 267 | (lock\$3 with frequency\$ same (carrier near3 recovery)) and @pd<"20020419" | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 16:07 | S47 |
| BRS | 51090 | look-up or (look adj up) | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 16:04 | S48 |
| BRS | 7 | (carrier near3 recovery) with (look-up or (look adj up)) | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 16:04 | S49 |
| BRS | N/A | (lock\$3 with frequency\$ same (carrier near3 recovery)) and start\$ near6 frequency\$ | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 16:07 | |
| BRS | 26 | ((lock\$3 with frequency\$ same (carrier near3 recovery)) and start\$ near6 frequency\$) and @pd<"20020419" | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 16:10 | S50 |
| BRS | 0 | ((((lock\$3 with frequency\$ same (carrier near3 recovery)) and start\$ near6 frequency\$) and @pd<"20020419") and hdtv | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 16:09 | S51 |
| BRS | 18 | (((((lock\$3 with frequency\$ same (carrier near3 recovery)) and start\$ near6 frequency\$) and @pd<"20020419") and hdtv | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 16:10 | S52 |
| BRS | 16 | (((((lock\$3 with frequency\$ same (carrier near3 recovery)) and start\$ near6 frequency\$) and @pd<"20020419") and (hz or khz) | US-PGPUB; USPAT; EPO; DERWENT | 7/19/03 16:45 | S53 |
| BRS | 1 | (mueller near3 muller) and gardner | US-PGPUB; USPAT; EPO; DERWENT | 8/15/06 17:42 | S60 |
| BRS | 0 | 6266380.pn. and offset\$1 | US-PGPUB; USPAT; EPO; DERWENT | 8/15/06 17:42 | S61 |
| BRS | 29 | hdtv same vsb same one near2 dimensional near6 constellation\$1 | US-PGPUB; USPAT; EPO; DERWENT | 8/15/06 17:35 | S57 |
| BRS | 1 | 6266380.pn. and timing | US-PGPUB; USPAT; EPO; DERWENT | 8/15/06 17:42 | S59 |
| BRS | 0 | S54 and hdtv | US-PGPUB; USPAT; EPO; DERWENT | 8/15/06 17:21 | S55 |
| BRS | 2 | 6175600.pn. | US-PGPUB; USPAT; EPO; DERWENT | 8/15/06 17:28 | S56 |
| BRS | 17 | S57 and (pll or (phase adj lock\$4 adj loop\$4)) | US-PGPUB; USPAT; EPO; DERWENT | 8/15/06 17:41 | S58 |
| BRS | 2 | 6072842.pn. | US-PGPUB; USPAT; EPO; DERWENT | 8/15/06 17:21 | S54 |